Amana Refrigeration, Inc
Amana IA 52204
319 622 5511

Amana
A Raytheon Company

July 18, 1994

Environmental Protection Agency
Region 7
WSTM/RCRA/Iowa
726 Minnesota Avenue
Kansas City, KS 66101

Dear Sir:

Enclosed is Amana Refrigeration, Inc.'s revised 1993 Biennial Hazardous Waste Report.

The purpose of the revised forms is to clarify the wastestreams and processes for a system which was installed in 1993 to treat chrome-bearing rinse waters. One new GM was completed and changes were made to an existing GM and PS. Changes have been made in red ink.

Sincerely,

Lawrence E. Swanson
Vice President-Operations

Enclosure

RECEIVED

OMB#: 2050-0024 Expires 8/31/96

JUL 22 1994

IOWA SECTION

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

IAD000610436

AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM IC

IDENTIFICATION AND CERTIFICATION

INSTRUCTIONS: Read the detailed instructions beginning on page 9 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I Site name and location address. Complete A through H. Check the box ☐ in items A, C, E, F, G, and H if same as label; if different, enter corrections. If label is absent, enter information. Instruction page 10.

A. EPA ID No.
Same as label ☒ or → | | | | | | | | | | | | |

B. County
Iowa

C. Site/company name
Same as label ☒ or →

D. Has the site name associated with this EPA ID changed since 1991? ☐ 1 Yes ☒ 2 No

E. Street name and number. If not applicable, enter industrial park, building name, or other physical location description.
Same as label ☒ or →

F. City, town, village, etc.
Same as label ☒ or →

G. State
Same as label x | |

H. Zip Code
Same as label x | | | | | - | | | | |

Sec. II Mailing address of site. Instruction page 10.

A. Is the mailing address the same as the location address? ☒ 1 Yes (SKIP TO SEC. III) ☐ 2 No (GO TO BOX B)

B. Number and street name of mailing address

C. City, town, village, etc.

D. State | |

E. Zip Code | | | | | - | | | | |

Sec. III Name, title, and telephone number of the person who should be contacted if questions arise regarding this report. Instruction page 10.

A. Please print: Last Name: Steiff; First name: Robert; M.I.: A.

B. Title
Supervisor
Waste Treatment

C. Telephone
3 1 9 6 2 2 - 2 1 7 5
Extension 2 1 7 5

Sec. IV "I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties under Section 3008 of the Resource Conservation and Recovery Act for submitting false information, including the possibility of fine and imprisonment for knowing violations."

A. Please print: Last Name: Swanson; First name: Lawrence; M.I.: E.

B. Title
Vice President-Operations (Amana)

C. Signature
Lawrence E. Swanson

D. Date of signature
0 2 | 2 4 | 9 4
MO. DAY YR.

Sec.V - Generator Status

EPA ID NO. I I A D 0 0 0 6 1 0 4 3 6

A. 1993 RCRA generator status Instruction page 10. (CHECK ONE BOX BELOW)	B. Reason for not generating Page 12. (CHECK ALL THAT APPLY)	
☒ 1 LQG ☐ 2 SQG ☐ 3 CESQG — SKIP to SEC. VI ☐ 4 Non generator (Continue to Box B)	☐ 1 Never generated ☐ 2 Out of business ☐ 3 Only excluded or delisted waste ☐ 4 Only non-hazardous waste	☐ 5 Periodic or occasional generator ☐ 6 Waste minimization activity ☐ 7 Other (SPECIFY COMMENTS IN BOX BELOW)

Sec.VI - On-Site Waste Management Status

A. Storage subject to RCRA permitting requirements Page 13.	B. Treatment, disposal, or recycling subject to RCRA permitting requirements Page 13.	C. RCRA-exempt treatment, disposal, or recycling Page 13.
1	I	3

Sec.VII - Waste Minimization Activity during 1992 or 1993

A. Did this site begin or expand a source reduction activity during 1992 or 1993? Page 14.	B. Did this site begin or expand a recycling activity during 1992 or 1993? Page 15.	C. Did this site systematically investigate opportunities for source reduction or recycling during 1992 or 1993? Page 15.
☒ 1 Yes ☐ 2 No	☒ 1 Yes ☐ 2 No	☒ 1 Yes ☐ 2 No

D. Did any of the factors listed below delay or limit this site's ability to initiate new or additional source reduction activities in 1992 or 1993? Page 15 (CHECK YES OR NO FOR EACH ITEM)

Yes	No		
☒ 1	☐ 2	a.	Insufficient capital to install new source reduction equipment or implement new source reduction practices
☒ 1	☐ 2	b.	Lack of technical information on source reduction techniques applicable to the specific production processes
☒ 1	☐ 2	c.	Source reduction is not economically feasible: cost savings in waste management or production will not recover the capital investment
☒ 1	☐ 2	d.	Concern that product quality may decline as a result of source reduction
☒ 1	☐ 2	e.	Technical limitations of the production processes
☐ 1	☒ 2	f.	Permitting burdens
☒ 1	☐ 2	g.	Source reduction previously implemented - additional reduction does not appear to be technically feasible
☒ 1	☐ 2	h.	Source reduction previously implemented - additional reduction does not appear to be economically feasible
☐ 1	☒ 2	i.	Source reduction previously implemented - additional reduction does not appear to be feasible due to permitting requirements
☐ 1	☒ 2	j.	Other (SPECIFY COMMENTS IN BOX BELOW)

E. Did any of the factors listed below delay or limit the site's ability to initiate new or additional on-site or off-site recycling activities during 1992 or 1993? Page 15. (CHECK YES OR NO FOR EACH ITEM)

Yes	No			Yes	No		
☒ 1	☐ 2	a.	Insufficient capital to install new recycling equipment or implement new recycling practice	☐ 1	☒ 2	g.	Technical limitations of production processes inhibit shipments off-site for recycling
☒ 1	☐ 2	b.	Lack of technical information on recycling techniques applicable to this site's specific production process	☐ 1	☒ 2	h.	Technical limitations of production processes inhibit on-site recycling
☒ 1	☐ 2	c.	Recycling is not economically feasible: cost savings in waste management will not recover the capital investment	☐ 1	☒ 2	i.	Permitting burdens inhibit recycling
				☐ 1	☒ 2	j.	Lack of permitted off-site recycling facilities
				☐ 1	☒ 2	k.	Unable to identify a market for recycled materials
☒ 1	☐ 2	d.	Concern that product quality may decline as a result of recycling	☐ 1	☒ 2	l.	Recycling previously implemented - additional recycling does not appear to be technically feasible
☐ 1	☒ 2	e.	Requirements to manifest wastes inhibit shipments of off-site for recycling	☐ 1	☒ 2	m.	Recycling previously implemented - additional recycling does not appear to be economically feasible
☐ 1	☒ 2	f.	Financial liability provisions inhibit shipments off-site for recycling	☐ 1	☒ 2	n.	Recycling previously implemented - additional recycling does not appear to be feasible due to permitting requirements
				☐ 1	☒ 2	o.	Other (SPECIFY COMMENTS IN BOX BELOW)

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

IAD000610436

AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Flammable-spent solvent from Painting operation - mixture of Toluene and other solvents.

B. EPA hazardous waste code Page 19.
D001 D018
D035 F003 F005

C. State hazardous waste code Page 19.

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	M	A21	2	B203	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
138771.	155090.	1 / . / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M	.	M	.

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	IND016621476	M141	1	159844.
Site 2	NA	M		.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W / W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments:

FORM GM

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AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

Flammable-spent solvent from cleaning in Paint Department - mixture of Mineral Spirits, Xylene

B. EPA hazardous waste code Page 19.

D035 D018

D001 F003 F005

C. State hazardous waste code Page 19.

D. SIC code Page 19. 3632

E. Origin code 1 Page 19
System Type M

F. Source code Page 20. A92

G. Point of measurement Page 20. 2

H. Form code Page 20. B203

I. RCRA - radioactive mixed Page 20. 2

Sec. II

A. Quantity generated in 1992 Instruction Page 21. 12420.

B. Quantity generated in 1993 Page 21. 6900.

C. UOM Page 21. 1
Density
☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. M

Quantity treated, disposed, or recycled on site in 1993

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. M

Quantity treated, disposed, or recycled on site in 1993

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	IND 016 621 476	M141	1	6440.
Site 2	IND 980 590 947	M051	1	920.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

4 22

FORM GM

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IAD000610436

AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Off-spec paint from painting of parts, flammable liquids, waste paint

B. EPA hazardous waste code Page 19.
D001 D018
D022 D035 D040

C. State hazardous waste code Page 19.

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	M	A21	2	B211	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
3240.	5265.	1 / . ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M	.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M	.

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	IND016621476	M141	1	5265.
Site 2	N A	M		.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments: Reference Sec. 1, Box B, F002, F003, F005

FORM GM

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IAD000610436

AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Flammable-spent solvent from painting of plastic parts - Methyl Ethyl Ketone Mixture

B. EPA hazardous waste code Page 19.
D001 D007
D008 D035 D018

C. State hazardous waste code Page 19.

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	1 / M	A21	2	B211	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
950.	0.	1 / . / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M	.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M	.

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	IND 016 621 476	M141	1	475.
Site 2	NA	M		.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W42 W82 W89 WNA	☐ 1 Yes ☒ 2 No	NA	NA	950.0

Comments:
Reference Sec. I, Box B, F003, F005
Reference Sec. IV, Box B, Parts are being painted by a vendor.

6 22

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.

Flammable-spent solvent & Methylene Chloride from cleaning of urethane foaming equipment

B. EPA hazardous waste code Page 19.

D001 F002 NA NA NA

C. State hazardous waste code Page 19.

D. SIC code Page 19. 3632

E. Origin code 2 Page 19 System Type M

F. Source code Page 20. A56

G. Point of measurement Page 20. I

H. Form code Page 20. B204

I. RCRA - radioactive mixed Page 20. 2

Sec. II

A. Quantity generated in 1992 Instruction Page 21. 0.

B. Quantity generated in 1993 Page 21. 1950.

C. UOM Page 21. 1 ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. M

Quantity treated, disposed, or recycled on site in 1993

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. M

Quantity treated, disposed, or recycled on site in 1993

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	IND016621476	M141	1	1950.
Site 2	NA	M		

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Flammable solid from cleaning of silk screening in plastic part production - solvent soak rags

B. EPA hazardous waste code Page 19.
D001 D0018 (Per Cindy Baldwin 10-17-94)
F003 F005 NA

C. State hazardous waste code Page 19.

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	1 / M	A21	2	B409	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
2040.	437.	1 / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M		M	

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	IND016621476	M141	1	612.
Site 2	IND980590947	M053	1	68.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W42 W82 / WNA WNA	☐ 1 Yes ☒ 2 No	NA	1.1	1650.0

Comments:
Reference Section I, Box H, Rags soaked with non-halogenated solvent

FORM GM

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IAD000610436

AMANA REFRIGERATION
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HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Combustible-spent solvent from cleaning or parts, Petroleum Naphtha

B. EPA hazardous waste code Page 19.
D001 D018
D039 NA NA

C. State hazardous waste code Page 19.

D. SIC code Page 19. 3632

E. Origin code 1 Page 19
System Type M

F. Source code Page 20. A04

G. Point of measurement Page 20. 2

H. Form code Page 20. B211

I. RCRA - radioactive mixed Page 20. 2

Sec. II

A. Quantity generated in 1992 Instruction Page 21. 1380.

B. Quantity generated in 1993 Page 21. 2155.

C. UOM Page 21. 1
Density
☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. M

Quantity treated, disposed, or recycled on site in 1993

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. M

Quantity treated, disposed, or recycled on site in 1993

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	IAD022365480	M024	1	2155.
Site 2	NA	M		

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

Reference Sec. III, C Vacuum Distillation

9 22

FORM GM

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Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Solids from urethane foaming of refrigerators, Poison B, Toluene Diisocyanate solids

B. EPA hazardous waste code Page 19.
U223 NA
NA NA NA

C. State hazardous waste code Page 19.

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	2 / M	A56	2	B403	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
300.	100.	1 / . / ☐ 1 lbs/gal ☐ 2 sg	☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M	.	M	.

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☒ 1 Yes (CONTINUE TO BOX B) ☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	IND 016 621 476	M141	1	100.
Site 2	NA	M		.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No	.	.	.

Comments:

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

IAD000610436

AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Lab packed waste

B. EPA hazardous waste code Page 19.
D001 U240
LABP NA NA

C. State hazardous waste code Page 19.

D. SIC code Page 19. 3632

E. Origin code 1 Page 19
System Type M

F. Source code Page 20. A58

G. Point of measurement Page 20. 3

H. Form code Page 20. B003

I. RCRA - radioactive mixed Page 20. 2

Sec. II

A. Quantity generated in 1992 Instruction Page 21. 2922.

B. Quantity generated in 1993 Page 21. 3988.

C. UOM Page 21. 1 Density ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. M

Quantity treated, disposed, or recycled on site in 1993

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. M

Quantity treated, disposed, or recycled on site in 1993

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23.
☒ 1 Yes (CONTINUE TO BOX B)
☐ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1	LAD 010 395 127	M049	1	3573.
Site 2	TXD 055 141 378	M049	1	415.

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

11 22

FORM GM

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AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Sodium salts solid from paint stripping in the Paint Department, corrosive solid, mixture of paint pigments and sodium salts

B. EPA hazardous waste code Page 19.
D002 NA
NA NA NA

C. State hazardous waste code Page 19.

D. SIC code Page 19. 3632

E. Origin code 1 Page 19 System Type M

F. Source code Page 20. A01

G. Point of measurement Page 20. I

H. Form code Page 20. B315

I. RCRA - radioactive mixed Page 20. 2

Sec. II

A. Quantity generated in 1992 Instruction Page 21. 92708.

B. Quantity generated in 1993 Page 21. 124509.

C. UOM Page 21. 1 Density ☐ 1 lbs/gal ☐ 2 sg

D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
☒ 1 Yes (CONTINUE TO SYSTEM 1)
☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22. M121

Quantity treated, disposed, or recycled on site in 1993 1121212.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22. MNA

Quantity treated, disposed, or recycled on site in 1993

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23.
☐ 1 Yes (CONTINUE TO BOX B)
☒ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1		M		
Site 2		M		

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24.
☐ 1 Yes (CONTINUE TO SYSTEM 1)
☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

FORM GM

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AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Ion exchange of well water for rinsing of parts prior to painting, corrosive liquid

B. EPA hazardous waste code Page 19.	C. State hazardous waste code Page 18.
D002 NA NA NA NA	

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	1 / M	A06	2	B119	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
785400.	201600.	5 / 8.35 ☒ 1 lbs/gal ☐ 2 sg	☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1		ON-SITE PROCESS SYSTEM 2	
On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993	On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M121	201600.	M NA	NA

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1		M		
Site 2		M		

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W51 W NA NA W W	☐ 1 Yes ☒ 2 No	NA	1.2	700560.

Comments:
Reference Sec. 1, Box H, Spent Acid & Caustic Liquids from Ion Exchange Column

13 22

FORM GM

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

IAD000610436

AMANA REFRIGERATION
~~CINDY RASPILLER~~ Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18. DI water rinse prior to paint, liquid containing chrome

B. EPA hazardous waste code Page 19.
D007 NA
NA NA NA

C. State hazardous waste code Page 19.

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	1 / M	A29	1	B119	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
7162500.	21595852.	5 / 8.34 ☒ 1 lbs/gal ☐ 2 sg	☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M078	21595852.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
MNA	

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1		M		
Site 2		M		

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W / W W	☐ 1 Yes ☐ 2 No			

Comments: Reference Sec. I, Box F Rinsing of chromic acid off parts prior to painting
Reference Sec. I, Box H Water → metals from rinsing of parts
Reference Sec II, System 1 Ion exchange

FORM GM

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AMANA REFRIGERATION

Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
DI chrome regenerate from ion exchange recycling system, corrosive liquid containing chrome

B. EPA hazardous waste code Page 19.
D007 D002
NA NA NA

C. State hazardous waste code Page 19.

D. SIC code Page 19.	E. Origin code / System Type Page 19	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	1 / M	A29	2	B119	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
~~7162500~~ 0	1070435	5 / 8.34 ☒ 1 lbs/gal ☐ 2 sg	☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M077	1070435

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M	

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1		M		
Site 2		M		

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W01 W42 W51 WNA	☐ 1 Yes ☒ 2 No	6092065	1.2	7310478

Comments:
Reference Sec. 1, Box F Chrome Rinse Prior to Painting
Reference Sec. 1, Box H Mixture of B103 & B106
Reference Sec. 1, Box A 1992 Chrome DI Recycling was not on line; all waste was treated at Waste Treatment.

15 20

FORM GM

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Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM GM

WASTE GENERATION AND MANAGEMENT

INSTRUCTIONS: Read the detailed instructions beginning on page 16 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste description - Instruction page 18.
Chrome seal prior to paint mixture of chrome & water, chrome containing liquid

B. EPA hazardous waste code Page 19.
D007 NA
NA NA NA

C. State hazardous waste code Page 19.

D. SIC code Page 19.	E. Origin code Page 19 / System Type	F. Source code Page 20.	G. Point of measurement Page 20.	H. Form code Page 20.	I. RCRA - radioactive mixed Page 20.
3632	1 / M	A29	2	B103	2

Sec. II

A. Quantity generated in 1992 Instruction Page 21.	B. Quantity generated in 1993 Page 21.	C. UOM Page 21. / Density	D. Did this site do any of the following to this waste: treat on site, dispose on site, recycle on site, or discharge to a sewer/POTW? Page 21.
81900.	83720.	5 / 8.34 ☒ 1 lbs/gal ☐ 2 sg	☒ 1 Yes (CONTINUE TO SYSTEM 1) ☐ 2 No (SKIP TO SEC. III)

ON-SITE PROCESS SYSTEM 1

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M077	83720.

ON-SITE PROCESS SYSTEM 2

On-site process system type Page 22.	Quantity treated, disposed, or recycled on site in 1993
M NA	

Sec.III

A. Was any of this waste shipped off-site in 1993 Instruction page 23. ☐ 1 Yes (CONTINUE TO BOX B) ☒ 2 No (SKIP TO SEC IV)

	B. EPA ID No. of facility waste was shipped to Page 23.	C. System type shipped to Page 23.	D. Off-site availability code Page 23.	E. Total quantity shipped in 1993 Page 23.
Site 1		M		
Site 2		M		

Sec. IV

A. Did new activities in 1993 result in minimization of this waste? Instruction page 24. ☐ 1 Yes (CONTINUE TO SYSTEM 1) ☒ 2 No (THIS FORM IS COMPLETE)

B. Activity Page 24.	C. Other effects Page 24.	D. Quantity recycled in 1993 due to new activities Page 25.	E. Activity/production index Page 25.	F. 1993 source reduction quantity Page 26.
W W W W	☐ 1 Yes ☐ 2 No			

Comments:

Reference Sec. 1, Box F Chrome Seal Prior to Painting

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HWY 220

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1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 38. Neutralization of Sodium Salts

B. System type Page 38.	C. Regulatory status Page 39.	D. Operational status Page 39.	E. Unit types Page 39.
M121	02	01	01 NA

Sec. II

A. 1993 influent quantity
Instruction page 40.

		UOM	Density
Total	1121121.	1	.
RCRA	1121121.		☐ 1 lbs/gal ☐ 2 sg

B. Maximum operational capacity
Page 41.

Total	2026644.
RCRA	.

C. 1993 liquid effluent quantity
Instruction page 42.

		UOM	Density
Total	1121121.	1	.
RCRA	000.		☐ 1 lbs/gal ☐ 2 sg

D. 1993 solid/sludge residual quantity
Page 42.

		UOM	Density
Total	303.2		.
RCRA	000.		☐ 1 lbs/gal ☐ 2 sg

E. Limitation on maximum operational capacity
Page 43.
1. 04 2. 05 3. 07

F. Commercial capacity availability code
Page 43.
1

G. Percent capacity commercially available
Page 43.
0 %

Comments:

FORM PS

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AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 38. Neutralization of Ion Exchange Regenerations

B. System type Page 38.	C. Regulatory status Page 39.	D. Operational status Page 39.	E. Unit types Page 39.
M 1 2 1	0 2	0 1	0 1 N A

Sec. II

A. 1993 influent quantity
Instruction page 40.

		UOM	Density
Total	2 0 1 6 0 0 .	5	8 . 3 5
RCRA	2 0 1 6 0 0 .		☒ 1 lbs/gal ☐ 2 sg

B. Maximum operational capacity
Page 41.

Total	9 8 7 0 0 0 .
RCRA	9 8 7 0 0 0 .

C. 1993 liquid effluent quantity
Instruction page 42.

		UOM	Density
Total	2 0 1 6 0 0 .	5	8 . 3 5
RCRA	N A .		☒ 1 lbs/gal ☐ 2 sg

D. 1993 solid/sludge residual quantity
Page 42.

		UOM	Density
Total	N A .		.
RCRA	N A .		☐ 1 lbs/gal ☐ 2 sg

E. Limitation on maximum operational capacity
Page 43.
1. 0 9 2. 0 4 3. 0 6

F. Commercial capacity availability code
Page 43.
1

G. Percent capacity commercially available
Page 43.
0 %

Comments:

18 22

FORM PS

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Cynthia A. Baldwin
HWY 220

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1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 38. Recycling of D007 with an ion exchange unit

B. System type Page 38.	C. Regulatory status Page 39.	D. Operational status Page 39.	E. Unit types Page 39.
M 0 7 8	0 2	0 1	0 1 N A

Sec. II

A. 1993 influent quantity
Instruction page 40.

		UOM	Density
Total	2 1 5 9 5 8 5 2	5	8 . 3 4
RCRA	2 1 5 9 5 8 5 2		☒ 1 lbs/gal ☐ 2 sg

B. Maximum operational capacity
Page 41.

Total	2 5 3 8 0 0 0 0
RCRA	2 5 3 8 0 0 0 0

C. 1993 liquid effluent quantity
Instruction page 42.

		UOM	Density
Total	22662687 ~~1 0 7 0 4 3 5~~	5	8 . 3 4
RCRA	1 0 7 0 4 3 5		☒ 1 lbs/gal ☐ 2 sg

D. 1993 solid/sludge residual quantity
Page 42.

		UOM	Density
Total	N A		
RCRA	N A		☐ 1 lbs/gal ☐ 2 sg

E. Limitation on maximum operational capacity Page 43.	F. Commercial capacity availability code Page 43.	G. Percent capacity commercially available Page 43.
1. 0 4 2. 0 5 3. 0 7	1	0 %

Comments:

Sec. I, Box B This is a chrome containing waste recycled through anIon exchange unit.
Sec. 11, Box D All effluents from this system are sent to a chemical precipitation unit. The quantity of solid / sludges will be reported on PS form Page 18 of 20..

19 22

FORM PS

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Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

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U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM PS

WASTE TREATMENT, DISPOSAL, OR RECYCLING PROCESS SYSTEMS

INSTRUCTIONS: Read the detailed instructions beginning on page 33 of the 1993 Hazardous Waste Report booklet before completing this form.

Sec. I

A. Waste treatment, disposal, or recycling system description
Instruction Page 38. Chemical Precipitation of Chrome Waste D007

B. System type Page 38.	C. Regulatory status Page 39.	D. Operational status Page 39.	E. Unit types Page 39.
M 0 7 7	0 2	0 1	0 1 | 0 2

Sec. II

A. 1993 influent quantity
Instruction page 40.

		UOM	Density
Total	13419170 ~~11541115~~	5	8.34
RCRA	11541115		☒ 1 lbs/gal ☐ 2 sg

B. Maximum operational capacity
Page 41.

Total	40608000 ~~52675334~~
RCRA	~~52675334~~ 3654720

C. 1993 liquid effluent quantity
Instruction page 42.

		UOM	Density
Total	13419170 ~~11541115~~	5	8.34
RCRA	00		☒ 1 lbs/gal ☐ 2 sg

D. 1993 solid/sludge residual quantity
Page 42.

		UOM	Density
Total	303	2	
RCRA	00		☐ 1 lbs/gal ☐ 2 sg

E. Limitation on maximum operational capacity Page 43.	F. Commercial capacity availability code Page 43.	G. Percent capacity commercially available Page 43.
1. 04 2. 06 3. 05	1	0 %

Comments:

20 22

FORM OI

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AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

U.S. ENVIRONMENTAL PROTECTION AGENCY

1993 Hazardous Waste Report

FORM 0I

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: IND 016 621 476

B. Name of off-site installation or transporter: Ashland Chemical Co.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☒ TSDR

D. Address of generator
- Street: 1817 W. Indiana Avenue
- City: South Bend
- State: IN Zip: 46613-

Site 2

A. EPA ID No. of off-site installation or transporter: IND 980 590 947

B. Name of off-site installation or transporter: Industrial Fuels & Resources

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
- Street: 604 S. Scott Street
- City: South Bend
- State: IN Zip: 46625-

Site 3

A. EPA ID No. of off-site installation or transporter: TXD 055 141 378

B. Name of off-site installation or transporter: Rollins Environmental Services (TX) Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
- Street: 2027 Battleground Road
- City: Deer Park
- State: TX Zip: 77536-

Site 4

A. EPA ID No. of off-site installation or transporter: MND 012 969 026

B. Name of off-site installation or transporter: Dahlen Transport Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☐ TSDR

D. Address of generator
- Street:
- City:
- State: Zip:

Site 5

A. EPA ID No. of off-site installation or transporter: LAD 010 395 127

B. Name of off-site installation or transporter: Rollins Environmental Services (LA) Inc.

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☒ TSDR

D. Address of generator
- Street: 13351 Scenic Highway
- City: Baton Rouge
- State: LA Zip: 70807-

Comments:

FORM OI

BEFORE COPYING FORM, ATTACH SITE IDENTIFICATION LABEL OR ENTER:

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AMANA REFRIGERATION
Cynthia A. Baldwin
HWY 220

AMANA, IA 52204

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1993 Hazardous Waste Report

FORM 01

OFF-SITE IDENTIFICATION

INSTRUCTIONS: Read the detailed instructions on the reverse side before completing this form.

Site 1

A. EPA ID No. of off-site installation or transporter: I A D 0 2 2 3 6 5 4 8 0

B. Name of off-site installation or transporter: Northland Products Company

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☒ Transporter
- ☒ TSDR

D. Address of generator
- Street: 1000 Rainbow Drive
- City: Waterloo
- State: IA Zip: 5 0 7 0 4 -

Site 2

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of generator
- Street:
- City:
- State: Zip: -

Site 3

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of generator
- Street:
- City:
- State: Zip: -

Site 4

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of generator
- Street:
- City:
- State: Zip: -

Site 5

A. EPA ID No. of off-site installation or transporter:

B. Name of off-site installation or transporter:

C. Handler type (CHECK ALL THAT APPLY)
- ☐ Generator
- ☐ Transporter
- ☐ TSDR

D. Address of generator
- Street:
- City:
- State: Zip: -

Comments: